

503

| | | |
|----------------------------|--------------|-----------|
| DART AEROSPACE LTD | Work Order: | 22048 |
| Description: Tube Assembly | Part Number: | D3298-015 |
| 04.11.25 DTF 04.10.13 | | |
| Dwg: D3298 Rev. A1 PAGE 7 | Qty: | 2 |

Page 1 of 1

| Step | Location | Procedure | By | Date | Qty | | | | | | | | | | | | |
|------|-------------|--|----------|-------------|-------------|-------|----|----------|--------------|--------|----|------------|--------|--------|----|----------|---|
| 1 | DC | Issue Traveler | JF | 04.12.08 | 2 | | | | | | | | | | | | |
| 2 | GA | Cut tube to length as per Dwg D3298 Material: 6061-T6 (WW-T-700/6) tubing Ø0.375" x 0.035" wall (M6061T6T0.375W.035) Identify as D3298-015 | JF | 05.05.31 | 2 | | | | | | | | | | | | |
| 3 | GA | Bend tube as per template D3298-015T1 & Dwg D3298 | JF | 04.12.20 | 2 | | | | | | | | | | | | |
| 4 | GA | Flare end as per Dwg D3298. Ensure that sleeves and coupling are installed first Pick: <table border="1" style="margin-left: 20px;"> <tr> <th>Qty</th> <th>Part Number</th> <th>Description</th> <th>Batch</th> </tr> <tr> <td>21</td> <td>AN818-6D</td> <td>Coupling Nut</td> <td>M12888</td> </tr> <tr> <td>21</td> <td>MS20819-6D</td> <td>Sleeve</td> <td>M12888</td> </tr> </table> | Qty | Part Number | Description | Batch | 21 | AN818-6D | Coupling Nut | M12888 | 21 | MS20819-6D | Sleeve | M12888 | JF | 05.06.01 | 2 |
| Qty | Part Number | Description | Batch | | | | | | | | | | | | | | |
| 21 | AN818-6D | Coupling Nut | M12888 | | | | | | | | | | | | | | |
| 21 | MS20819-6D | Sleeve | M12888 | | | | | | | | | | | | | | |
| 5 | QC5 | Inspect work to Step 4 | JF | 05.06.01 | 2 | | | | | | | | | | | | |
| 6 | ST | Identify and Stock <i>Identify with Part # Batch # using a Permanent Fine Black Marker</i> | CD | 05/06/08 | 2 | | | | | | | | | | | | |
| 7 | AC | Cost / part: <u>71.13</u> | PL JF | | | | | | | | | | | | | | |
| 8 | DC | Close W/O <u>71.13</u> Inspect Level 21 | JF | 05.06.21 | 2 | | | | | | | | | | | | |

| Rev | Date | Change | Revised By | Approved |
|-----|----------|-----------|------------|----------|
| A | 04.09.08 | New issue | KJ/JLM | JF |

RELEASED
4/04/09

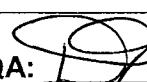
| W/O: | | WORK ORDER CHANGES | | | | | | |
|----------|------|---|-----------|----------|-----|---------------------------------|--------------------------|--|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Mfg / Design Mgr | Approval QC Inspector | |
| 05-06-01 | 4 | New Qty of hardware Permanent change ✓ | ✓ T.E. | 05-06-27 | N/A | ✓ PRESIDENT | ✓ 05-06-01 | |
| | | | | | | | | |

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|---------------|------|---|-----------------------------|--|----------------|---------------------------|------------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Design Mgr | Approval QC Inspector |
| | | | Initial Design Mgr | Action Description Design Mgr | Sign & Date | | | |
| ✓ 05-05-31 | 3 | Parts too long in the centers of tubes. | ✓ PRESIDENT | Scrap/destroy 2 Replace, and use same coupling nut & sleeve | ✓ 05-06-01 | ✓ 05-06-01 | ✓ PRESIDENT | ✓ 05-05-31 |
| ✓ 05-05-31 | 3 | Bend lines on Dwg No good, found proper bend lines, but used G5" of material. | ✓ PRESIDENT | New proper bend lines on dwg. & a new template. | ✓ 05-06-01 | ✓ 05-06-01 | ✓ PRESIDENT | ✓ 05-06-01 |
| | | | | | | | | |

Part No: D3298 - 015

PAR #: _____

Fault Category: _____

NCR: Yes No DQA: 

Date: 05/06/08

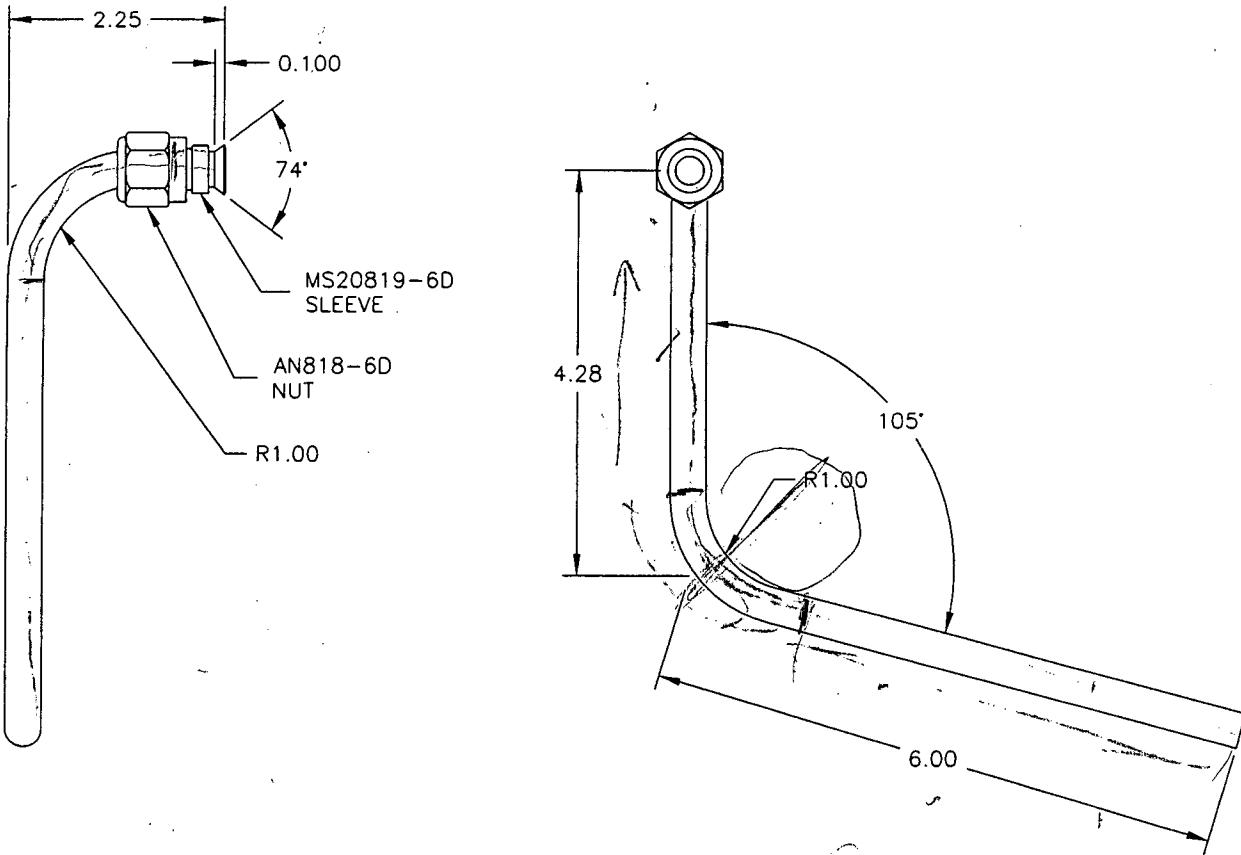
NOTE: Date & initial all entries

QA: N/C Closed: _____

Date: _____

DART

| | | | |
|--|---|---|------------------------|
| DESIGN RF | DRAWN BY RF | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED <input checked="" type="checkbox"/> | APPROVED <input checked="" type="checkbox"/> | DRAWING NO. D3298 | REV. A SHEET 7 OF 7 |
| DATE 04.07.06 | | TITLE TUBE ASSEMBLIES | SCALE NTS |

RELEASED
04.07.06D3298-015

SHOP COPY
RETURN TO
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 22048

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Job Costing Report

Dart Aerospace Ltd.
Hawkesbury

Dec 06, 2004
11:09 am

| | | | | |
|-------------------|---|-------------------|------------------------------|--------|
| Work Order No | : | 0022048 | Department Code: | |
| Project Name | : | D3298-015 | Burden Flags | |
| Project For | : | WK503 | WO Status | |
| Work Order Type | : | Main | Invoice State | |
| Main WO Number | : | | Not Invoiced | |
| House Part Number | : | D3298-015 | Invoice Date | |
| Description | : | Tube Assembly 15" | Invoice Number | |
| Manufactured | : | Yes | Invoice Amount | 0.00 |
| Amount Req'd | : | 2 | | |
| Amount Done | : | 0 | Order Entry No | |
| Start Date | : | 12-03-04 | OE Value | 0.00 |
| Est Finish Date | : | 01-15-05 | | |
| Act Finish Date | : | | Est Margin | 0.000% |
| Drawings Reqd | : | No | Actual Margin | 0.000% |
| Ok for Approval | : | | | |
| Approval Rec'd | : | | \$0 Posted to Finished Goods | |

| | Estimated | Actual | Var. % | Posted | To Post |
|-------------------|-----------|--------|--------|--------|---------|
| Material Cost | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Engineering Hours | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Engineering Cost | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Production Hours | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Production Cost | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Packaging Hours | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Packaging Cost | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OverHead Hours | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OverHead Cost | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CNC Hours | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| CNC | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Misc. Hours | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Misc. | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| <hr/> | | | | | |
| Burden | : 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| <hr/> | | | | | |
| Total Cost | : 0.00 | 0.00 | 0.00 | 0.00 | |
| Margin | : 0.000 | 0.000 | | | |
| Selling Cost | : 0.00 | 0.00 | | | |

| | Estimated | Actual |
|------------------------|-----------|--------|
| Labour Hrs/Amount Done | : 0.00 | 0.00 |
| Profits/ (Loss) | : 0.00 | 0.00 |